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JS 20070157739 A1		US- PGPUB	20070712	10	MICROFLUIDIC DEVICE AND METHOD OF OPERATION		73/861.352	137/2		Sparks; Douglas Ray et al.
JS 20070151335 A1		US- PGPUB	20070705		MICROFLUIDIC DEVICE		73/204.26	73/202		Sparks; Douglas Ray et al.
JS 20070032734 A1		US- PGPUB	20070208		METHOD FOR MONITORING A PHYSIOLOGIC PARAMETER OF PATIENTS WITH CONGESTIVE HEART FAILURE		600/513			Najafi; Nader et al.
JS 20060213552 A1		US- PGPUB	20060928		FLUID SYSTEM AND METHOD OF ASSESSING A PROPERTY OF A FLUID FLOWING THEREIN		137/2	123/445; 180/338; 184/6.21; 303/1; 60/276		Sparks; Douglas Ray et al.
JS 20060211981 A1		US- PGPUB	20060921		MEDICAL TREATMENT PROCEDURE AND SYSTEM IN WHICH BIDIRECTIONAL FLUID FLOW IS SENSED		604/44	604/29; 604/6.09		Sparks; Douglas Ray et al.
JS 20060175303 A1		US- PGPUB	20060810		PROCESS OF MAKING A MICROTUBE AND MICROFLUIDIC DEVICES FORMED THEREWITH		219/121.43			Sparks; Douglas Ray et al.
JS 20060169038 A1		US- PGPUB	20060803		FLUID SENSING DEVICE WITH INTEGRATED BYPASS AND PROCESS THEREFOR		73/202			Sparks; Douglas Ray et al.
JS 20060047205 A1		US- PGPUB	20060302		DELIVERY METHOD AND SYSTEM FOR MONITORING CARDIOVASCULAR PRESSURES		600/486			Ludomirsky; Achiau et al.
JS		US-	20060223		PROCESS OF		29/592.1	73/204.26;		Sparks;

20060037187 A1		PGPUB		MAKING A MICROTUBE AND MICROFLUIDIC DEVICES FORMED THEREWITH			73/861.351	Douglas Ray et al.
US 20060010964 A1		US-PGPUB	20060119	Device and method for sensing rheological properties of a fluid		73/54.01		Sparks; Douglas Ray et al.
US 20050284815 A1		US-PGPUB	20051229	MEDICAL TREATMENT SYSTEM AND METHOD		210/645	210/646; 210/742; 604/4.01; 604/65	Sparks, Douglas Ray et al.
US 20050235759 A1		US-PGPUB	20051027	DRUG-SPECIFIC FLUID DELIVERY SYSTEM		73/861.352		Sparks, Douglas Ray et al.
US 20050126304 A1		US-PGPUB	20050616	FLUID INFUSION METHOD AND SYSTEM THEREFOR		73/861.05		Sparks, Douglas Ray et al.
US 20050065589 A1		US-PGPUB	20050324	Method and anchor for medical implant placement, and method of anchor manufacture		607/126		Schneider, Richard Lee et al.
US 20040255648 A1		US-PGPUB	20041223	RESONANT TUBE VISCOSITY SENSING DEVICE		73/54.41		Sparks, Douglas Ray
US 20040171983 A1		US-PGPUB	20040902	FLUID DELIVERY SYSTEM AND SENSING UNIT THEREFOR		604/65	128/DIG.13	Sparks, Douglas R. et al.
US 20030159741 A1		US-PGPUB	20030828	FLUID DELIVERY SYSTEM AND METHOD		137/814	604/67	Sparks, Douglas Ray
US 20030138656 A1		US-PGPUB	20030724	Method of forming a reactive material and article formed thereby		428/615	428/687	Sparks, Douglas Ray
US 20030121313 A1		US-PGPUB	20030703	Micromachined fluid analysis device and method		73/38		Sparks, Douglas Ray
US 20030061889 A1		US-PGPUB	20030403	Micromachined fluidic apparatus		73/861.355	29/557; 29/890.14	Tadigadapa, Srinivas et al.
US 20020194908 A1		US-PGPUB	20021226	Integrated microtube sensing device		73/204.26		Sparks, Douglas Ray

JS 20020193818 A1		US-PGPUB	20021219		Process of forming a microneedle and microneedle formed thereby		606/185			Sparks, Douglas Ray
JS 20020185557 A1		US-PGPUB	20021212		Micromachined lysing device and method for performing cell lysis		241/1	241/2; 241/301		Sparks, Douglas Ray
JS 20020151816 A1		US-PGPUB	20021017		Wireless MEMS capacitive sensor for physiologic parameter measurement		600/547			Rich, Collin A. et al.
JS 20020115920 A1		US-PGPUB	20020822		MEMS capacitive sensor for physiologic parameter measurement		600/345	600/485; 600/549		Rich, Collin A. et al.
JS 7228735 32		USPAT	20070612		Fluid sensing device with integrated bypass and process therefor		73/204.26			Sparks; Douglas Ray et al.
JS 7211048 31		USPAT	20070501		System for monitoring conduit obstruction		600/508	600/481; 600/483; 600/485; 600/486; 607/126; 607/60		Najafi; Nader et al.
JS 7059176 32		USPAT	20060613		Resonant tube viscosity sensing device		73/54.41	73/54.01; 73/54.02		Sparks; Douglas Ray
JS 6968743 32		USPAT	20051129		Implantable sensing device for physiologic parameter measurement		73/724			Rich; Collin A. et al.
JS 6942169 32		USPAT	20050913		Micromachined lysing device and method for performing cell lysis		241/1	241/2; 241/301; 435/259; 435/820		Sparks; Douglas Ray
JS 6935010 32		USPAT	20050830		Method of fabricating a micromachined tube for fluid flow		29/592.1			Tadigadapa; Srinivas et al.
JS 6932114 32		USPAT	20050823		Fluid delivery system and method		137/814	604/67		Sparks; Douglas Ray
JS 6926670 32		USPAT	20050809		Wireless MEMS capacitive sensor for physiologic parameter measurement		600/459			Rich; Collin A. et al.
JS 6923625		USPAT	20050802		Method of forming a		417/48	252/181.5;		Sparks;

32					reactive material and article formed thereby			252/181.6; 257/682; 417/51; 428/660; 428/666; 428/672		Douglas Ray
JS 6844213 32		USPAT	20050118		Process of forming a microneedle and microneedle formed thereby		438/41	438/42; 438/44; 438/53		Sparks; Douglas Ray
JS 6750521 31		USPAT	20040615		Surface mount package for a micromachined device		257/414			Chilcott; Dan W. et al.
JS 6647778 32		USPAT	20031118		Integrated microtube sensing device		73/204.26			Sparks; Douglas Ray
JS 6637257 32		USPAT	20031028		Micromachined fluid analysis device and method		73/38	422/101; 422/255; 422/267; 422/68.1; 436/12; 436/14; 436/15; 436/163; 436/177; 436/178; 73/61.63; 73/61.71		Sparks; Douglas Ray
JS 6499354 31		USPAT	20021231		Methods for prevention, reduction, and elimination of outgassing and trapped gases in micromachined devices		73/723			Najafi; Nader et al.
JS 6477901 31		USPAT	20021112		Micromachined fluidic apparatus		73/861.352			Tadigadapa; Srinivas et al.
JS 6338284 31		USPAT	20020115		Electrical feedthrough structures for micromachined devices and methods of fabricating the same		73/866.1	216/2; 29/25.41; 361/283.4; 73/718; 73/861.47		Najafi; Nader et al.
JS 6338010 31		USPAT	20020108		Multi-sensor module for communicating sensor information		701/1	340/459; 701/33		Sparks; Douglas Ray et al.

					over a vehicle data bus					
JS 6140144 \		USPAT	20001031		Method for packaging microsensors		438/53	438/106; 438/108; 438/54		Najafi; Nader et al.
JS 6062461 \		USPAT	20000516		Process for bonding micromachined wafers using solder		228/123.1	228/124.6; 228/174; 228/208		Sparks; Douglas Ray et al.
JS 6022756 \		USPAT	20000208		Metal diaphragm sensor with polysilicon sensing elements and methods therefor		438/53			Sparks; Douglas Ray et al.
JS 5936164 \		USPAT	19990810		All-silicon capacitive pressure sensor		73/724			Sparks; Douglas Ray et al.
JS 5932809 \		USPAT	19990803		Sensor with silicon strain gage		73/727	73/726		Sparks; Douglas Ray et al.
JS 5915281 \		USPAT	19990622		Silicon force and displacement sensor		73/862.581			Sparks; Douglas Ray
JS 5831162 \		USPAT	19981103		Silicon micromachined motion sensor and method of making		73/504.12			Sparks; Douglas Ray et al.
JS 5719069 \		USPAT	19980217		One-chip integrated sensor process		438/50	148/DIG.135; 438/456; 438/52; 438/53		Sparks; Douglas Ray
JS 5706565 \		USPAT	19980113		Method for making an all-silicon capacitive pressure sensor		29/25.42			Sparks; Douglas Ray et al.
JS 5663508 \		USPAT	19970902		Silicon flow sensor		73/861.71	73/861.74		Sparks; Douglas Ray
JS 5547093 \		USPAT	19960820		Method for forming a micromachine motion sensor		438/52	216/2; 216/38		Sparks; Douglas R.
JS 5531121 \		USPAT	19960702	14	Micromachined integrated pressure sensor with oxide polysilicon cavity sealing		73/716	257/E21.218; 257/E21.573; 73/720; 73/721		Sparks; Douglas R. et al.
JS 5427975 \		USPAT	19950627		Method of micromachining an integrated sensor on		438/52	216/2; 257/E21.218; 257/E21.573;		Sparks; Douglas R. et al.

					the surface of a silicon wafer			438/53; 438/702; 438/739		
JS 5250837 A		USPAT	19931005		Method for dielectrically isolating integrated circuits using doped oxide sidewalls		257/519	257/513; 257/517; 257/521; 257/565; 257/622; 257/E21.551; 257/E21.571		Sparks; Douglas R.
JS 5250461 A		USPAT	19931005		Method for dielectrically isolating integrated circuits using doped oxide sidewalls		438/429	148/DIG.20; 257/E21.149; 257/E21.538; 257/E21.551; 257/E21.571; 438/360; 438/504; 438/973		Sparks; Douglas R.
JS 5213999 A		USPAT	19930525		Method of metal filled trench buried contacts		438/639	257/E21.158; 257/E21.295; 257/E21.396; 257/E21.537; 438/386; 438/678; 438/686		Sparks; Douglas R. et al.
JS 4732874 A		USPAT	19880322		Removing metal precipitates from semiconductor devices		438/378	257/E21.324; 420/490; 438/310; 438/471; 438/795		Sparks; Douglas R.